

SEQUENCE LISTING

SEQ ID NO 1

5 acattctaac tgcaaccttt cgaagccttt gctctggcac aacaggtagt aggcgacact 60
 gtctcgtgtt tcaacatgac caacaagtgt ctctcccaaa ttgctctcct gtgtgcttc 120
 tccactacag ctctttccat gagctacaac ttgcttggat tctacaaaag aagcagcaat 180
 ttctcagtgc agaagctcct gtggcaattg aatgggaggc ttgaatactg cctcaaggac 240
 aggagtgaat ttgacatccc tgaggagatt aagcagctgc agcagttcca gaaggaggac 300
 10 gcgcattga cactctatga gatgctccag aacatctttg ctattttcag acaagattca 360
 tctagcactg gctggaatga gactattgtt gagaacctcc tggctaattg ctatcatcag 420
 ataaaccatc tgaagacagt cctggaagaa aaactggaga aagaagattt caccagggga 480
 aaactcatga gcagtctgca cctgaaaaga tattatggga ggattctgca ttacctgaag 540
 gccaggaggt acagtccactg tgcttgagcc atagtcagag tggaaatcct aaggaaacttt 600
 15 tacttcatca acagacttac aggttacctc cgaaactgaa gatctcctag cctgtgcctc 660
 tgggactgga caattgcttc aagcattctt caaccagcag atgctgttta agtgactgat 720
 ggctaagtga ctgcatatga aaggacacta gaagattttg aaatttttat taaattatga 780
 gttattttta tttattttaa tttatttttg gaaaataaat tatttttggg gcaaaagcca 840

SEQ ID NO 2 (Propeptide constitutes amino acid residues 1-21)

Met Thr Asn Lys Cys Leu Leu Gln Ile Ala Leu Leu Leu Cys Phe Ser
 1 5 10 15

Thr Thr Ala Leu Ser Met Ser Tyr Asn Leu Leu Gly Phe Leu Gln Arg
 20 25 30

Ser Ser Asn Phe Gln Cys Gln Lys Leu Leu Trp Gln Leu Asn Gly Arg
 35 40 45

Leu Glu Tyr Cys Leu Lys Asp Arg Met Asn Phe Asp Ile Pro Glu Glu
 50 55 60

Ile Lys Gln Leu Gln Gln Phe Gln Lys Glu Asp Ala Ala Leu Thr Ile
 65 70 75 80

Tyr Glu Met Leu Gln Asn Ile Phe Ala Ile Phe Arg Gln Asp Ser Ser
 85 90 95

Ser Thr Gly Trp Asn Glu Thr Ile Val Glu Asn Leu Leu Ala Asn Val
 100 105 110

Tyr His Gln Ile Asn His Leu Lys Thr Val Leu Glu Glu Lys Leu Glu
 115 120 125

Lys Glu Asp Phe Thr Arg Gly Lys Leu Met Ser Ser Leu His Leu Lys
 130 135 140

Arg Tyr Tyr Gly Arg Ile Leu His Tyr Leu Lys Ala Lys Glu Tyr Ser
 145 150 155 160

His Cys Ala Trp Thr Ile Val Arg Val Glu Ile Leu Arg Asn Phe Tyr
 165 170 175

Phe Ile Asn Arg Leu Thr Gly Tyr Leu Arg Asn
 180 185

SEQ ID NO 3

cgtttaaacttaagctcgccac**atg**accaacaagtgctgctccagatcgccctgctcctgltgcttcagcaccacggccctatcgatgagctac
 aacctgctcggctctcgcagaggagttcgaactlccagtgccagaagctcctgtggcagctgaacggggcgctggagtagtgcctgaaggaca
 5 ggatgaacttcgacatcccgcaggaaatcaagcagctgcagcagtlccagaaggaggacgcccgtctgaccatclacgagatgctgcagAAC
 atctcgccatcttcgcaggactccagctccaccggttggaacgagaccatcgtggagaacctgctggccaaocgtgtaccaccagatcaacc
 acctgaagaccgtgctggaggagaagctgggaaggaggactlcaccgcggcgaagctgatgagctccclgcaccclgaagcgclactatggc
 cgcacctcgacatccclgaaggccaaggagtagcaccactgcgctggaccatcgtacgcgtggagatcctgcgaactctacttcatcaacc
 10 gccigaccggctaccctgcgaactgalaaggatccactagtlccagtgtggtg

The bolded atg is the first codon of the propeptide, the underlined atg the first codon of the mature interferon β sequence.

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